

This application is a divisional of U.S. Application Serial No. 10/061,937 filed October 1, 1999 which is a divisional of U.S. Application Serial No. 08/424,430 filed April 21, 1995, which claims priority from Japanese Application Serial No. 5-104151 filed April 30, 1993, which claims priority from Japanese Application Serial No. 5-72367 filed March 30, 1993, which claims priority from Japanese Application Serial No. 5-7785 filed January 20, 1993, which claims priority from Japanese Application Serial No. 4-331788 filed December 11, 1992, which claims priority from Japanese Application Serial No. 4-298630 filed November 9, 1992.

1-20. (CANCELED).

21. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a display which shows predetermined images sent by the computer;

a power controller which provides power to said display when an on-switch is operated to output an on-signal, which activates the display wherein input and output take place using the display, and which puts the display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a power level display portion which shows a remaining amount of power irrespective of the operation status of said on and off switches.

22. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through

said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a display which shows predetermined images sent by the computer;

a power controller which provides power to said display when an on-switch is operated to output an on-signal, which activates the display wherein input and output take place using the display, and which puts the display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a performance status display portion which shows a performance status irrespective of the operation status of said on and off switches.

23. (NEW) The portable communicator according to claim 22, wherein the performance status display shows a status selected from standby-for-reception, receiving-data, calling, sending-data, telephoning and recording-messages.

24. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a display which shows predetermined images sent by the computer;

a power controller which provides power to said display when an on-switch is operated to output an on-signal, which activates the display wherein input

and output take place using the display, and which puts the display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a data display process means which shows a list of received data, which gives choices from the list and displays the image of selected data.

25. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a display which shows predetermined images sent by the computer;

a power controller which provides power to said display when an on-switch is operated to output an on-signal, which activates the display wherein input and output take place using the display, and which puts the display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

an application selection screen display means which comprises a menu portion and an application selection portion.

26. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits the data to said public communication channel through said wireless communication means;

a display which shows predetermined images sent by the computer;

a power controller which provides power to said display when an on-switch is operated to output an on-signal, which activates the display wherein input and output take place using the display, and which puts the display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a destination selection means which shows a list of a destination or destinations and performs a destination identifying number setting process when one from the list is selected.

27. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through

said wireless communication means or transmits the data to said public communication channel through said wireless communication means;

a display which shows predetermined images sent by the computer;

a power controller which provides power to said display when an on-switch is operated to output an on-signal, which activates the display wherein input and output take place using the display, and which puts the display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a recorded message list screen display means which displays a list of recorded messages for selecting and playing a message.

28. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a first and a second displays which show predetermined images sent by the computer;

a power controller which provides power to said first display when an on-switch is operated to output an on-signal, which activates the first display wherein input and output take place using the first display and which puts the first display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a power level display portion which shows a remaining amount of power on said second display.

29. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a first and a second displays which show predetermined images sent by the computer;

a power controller which provides power to said first display when an on-switch is operated to output an on-signal, which activates the first display wherein input and output take place using the first display and which puts the first display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a performance status display portion which shows a performance status on said second display.

30. (NEW) The portable communicator according to claim 29, wherein the performance status display shows a status selected from standby-for-reception, receiving-data, calling, sending-data, telephoning and recording-messages.

31. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a display which shows predetermined images sent by the computer;

a power controller which provides power to said display when an on-switch is operated to output an on-signal, which activates the display wherein input and output take place using the display, and which puts the display on standby when an off-switch is operated to output an off-signal;

a housing which contains said wireless communication means, said computer and said display assembled therein; and

a monitor means which monitors the performance status irrespective of the operation status of said on and off switches.

32. (NEW) The portable communicator according to claim 31, wherein the monitor means is composed of monitor lamps whose colors are changeable.

33. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through



said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a first and a second displays which show predetermined images sent by the computer;

a power controller which provides power to said first display when an on-switch is operated to output an on-signal, which activates the first display wherein input and output take place using the first display and which puts the first display on standby when an off-switch is operated to output an off-signal; and

a housing which contains said wireless communication means, said computer and said display assembled therein,

wherein said computer comprises:

a determination means for a standby-for-reception status determining whether or not said wireless communication means is in the standby-for-reception status irrespective of the operation status of said on and off switches; and

a display means showing the standby-for-reception status on said second display when the determination means for the standby-for-reception determines that said wireless communication means is in the standby-for-reception status.

34. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through

said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a first and a second displays which show predetermined images sent by the computer;

a power controller which provides power from a storage battery to said first display when an on-switch is operated to output an on-signal, which activates the first display wherein input and output take place using the first display and which puts the first display on standby when an off-switch is operated to output an off-signal; and

a housing which contains said wireless communication means, said computer and said display assembled therein,

wherein said computer comprises:

a power level detecting means which detects the power level of said storage battery irrespective of the operation status of said on and off switches; and

a power level display means which shows on said second display the power level that said power level detecting means reads.

35. (NEW) A portable communicator comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from said public communication channel through said wireless communication means or transmits data to said public communication channel through said wireless communication means;

a first and a second displays which show predetermined images sent by the computer;

a power controller which provides power from a storage battery to said first display when an on-switch is operated to output an on-signal, which activates the first display wherein input and output take place using the first display and which puts the first display on standby when an off-switch is operated to output an off-signal; and

a housing which contains said wireless communication means, said computer and said display assembled therein,

wherein said computer comprises:

a power level detecting means which detects the power level of said storage battery irrespective of the operation status of said on and off switches;

a power level display means which shows on said second display the power level that said power level detecting means reads;

a determination means for a standby-for-reception status determining whether or not said wireless communication means is in the standby-for-reception status; and

a display means for the standby-for-reception status showing the status on said second display when the determination means for the standby-for-reception determines that said wireless communication means is in the standby-for-reception status.

36. (NEW) An information device with first and second displays comprising:

a communication means which is connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the communication means, enters data from the public communication channel through the communication means and transmits the data to the public communication channel through the communication means;

first and second displays which show predetermined images sent by the computer;

a power controller which activates the first display wherein output control takes place using the first display when an on-switch is operated to output an on-signal, and which puts the first display on standby wherein output control doesn't take place using the first display when an off-switch is operated to output an off-signal; and

a display control means which constantly controls the second display to monitor performance status irrespective of operational status of the on and off switches.

37. (NEW) A portable wireless telephone device comprising:

a wireless communication means which is wirelessly connected to a public communication channel and conducts transmission and reception through the public communication channel;

a computer which outputs control commands to the wireless communication means, enters data from the public communication channel through the wireless communication means or transmits the data to the public communication channel through the wireless communication means;

a display which shows predetermined images;

a wireless telephone means which conduct a wireless telephoning through the wireless communication means;

a housing which contains the wireless communication means, the computer, the display and the wireless telephone means assembled therein;

a speaker which is incorporated in the housing and outputs sound received with the wireless telephone means;

a speaker on-switch which turns on the speaker;

a microphone which is incorporated in the housing and inputs sound which is to be sent through the wireless telephone means;

an earphone means controller which outputs the sound received with the wireless telephone means to an earphone means which is arranged outside of the housing;

a list display means which displays a list on the display during a call of the wireless telephoning means; and

an input means to input a selection from the list.

38. (NEW) The portable wireless telephone device according to claim 37, further comprising a telephoning status display means which displays telephoning status of the wireless telephone means during a call of the wireless telephone means.

39. (NEW) The portable wireless telephone device according to claim 37, further comprising an identification display means which displays a name of the other party of a call during a call of the wireless telephone means.